Most Frequently Occurring Classifications of Patents Returned
From A Search of 09783333 on July 22, 2003

Original Classifications
    4   370/394
    3   370/310.2
    3   370/349
    2   370/310.1
    2   370/469
    2   375/225
    2   375/261

Cross-Reference Classifications
    4   370/469
    4   714/704
    3   370/395.1
    3   370/397
    3   370/465
    3   370/522
    3   714/748
    3   714/749
    2   370/342
    2   370/347
    2   370/349
    2   370/395.6
    2   370/468
    2   370/470
    2   370/471
    2   370/473
    2   370/474
    2   375/341
    2   455/557
    2   714/18
    2   714/746

Combined Classifications
    6   370/469
    5   370/349
    4   370/394
    4   370/465
    4   714/704
    3   370/310.2
    3   370/342
    3   370/395.1
    3   370/395.6
    3   370/397
    3   370/471

3	370/522
3	714/748
3	714/749
2	370/231
2	370/235
2	370/310.1
2	370/328
2	370/335
2	370/347
2	370/412
2	370/468
2	370/470
2	370/473
2	370/474
2	375/225
2	375/261
2	375/341
2	455/557
2	714/18
2	714/746
2	714/755
2	714/776

09783333_CLSTITLES
Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09783333 on July 22, 2003

```
6  370/469       (2 OR, 4 XR)
       Class   370 :  MULTIPLEX COMMUNICATIONS
       370/464         COMMUNICATION TECHNIQUES FOR INFORMATION
                          CARRIED IN PLURAL CHANNELS
       370/465         .Adaptive
       370/469         ..Processing multiple layer protocols

5  370/349       (3 OR, 2 XR)
       Class   370 :  MULTIPLEX COMMUNICATIONS
       370/310         COMMUNICATION OVER FREE SPACE
       370/345         .Combining or distributing information via time
                          channels
       370/349         ..Using messages having an address field as
                          header

4  370/394       (4 OR, 0 XR)
       Class   370 :  MULTIPLEX COMMUNICATIONS
       370/351         PATHFINDING OR ROUTING
       370/389         .Switching a message which includes an address
                          header
       370/394         ..Sequencing or resequencing of packets to
                          insure proper output sequence order

4  370/465       (1 OR, 3 XR)
       Class   370 :  MULTIPLEX COMMUNICATIONS
       370/464         COMMUNICATION TECHNIQUES FOR INFORMATION
                          CARRIED IN PLURAL CHANNELS
       370/465         .Adaptive

4  714/704       (0 OR, 4 XR)
       Class   714 :  ERROR DETECTION/CORRECTION AND FAULT
                          DETECTION/RECOVERY
       714/699         PULSE OR DATA ERROR HANDLING
       714/704         .Error count or rate

3  370/310.2     (3 OR, 0 XR)
       Class   370 :  MULTIPLEX COMMUNICATIONS
       370/310         COMMUNICATION OVER FREE SPACE
       370/310.1       .Using ATM as a wireles protocol
       370/310.2       ..Having a plurality of contiguous regions
                          served by respective fixed stations
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3  370/342        (1 OR, 2 XR)
      Class    370 :  MULTIPLEX COMMUNICATIONS
      370/310         COMMUNICATION OVER FREE SPACE
      370/342         .Combining or distributing information via cod
e
                      word channels using multiple access techniq
ues (e.g., CDMA)


3  370/395.1      (0 OR, 3 XR)
      Class    370 :  MULTIPLEX COMMUNICATIONS
      370/351         PATHFINDING OR ROUTING
      370/389         .Switching a message which includes an address
                         header
      370/395.1       ..Message transmitted using fixed length
                         packets (e.g., ATM cells)


3  370/395.6      (1 OR, 2 XR)
      Class    370 :  MULTIPLEX COMMUNICATIONS
      370/351         PATHFINDING OR ROUTING
      370/389         .Switching a message which includes an address
                         header
      370/395.1       ..Message transmitted using fixed length
                         packets (e.g., ATM cells)
      370/395.6       ...Adapting detail (e.g., converting to/from
                         ATM, or detail of ATM Adaption Layers (AALs
))


3  370/397        (0 OR, 3 XR)
      Class    370 :  MULTIPLEX COMMUNICATIONS
      370/351         PATHFINDING OR ROUTING
      370/389         .Switching a message which includes an address
                         header
      370/395.1       ..Message transmitted using fixed length
                         packets (e.g., ATM cells)
      370/396         ...Distributed switching
      370/397         ....Employing logical addressing for routing
                         (e.g., VP or VC)


3  370/471        (1 OR, 2 XR)
      Class    370 :  MULTIPLEX COMMUNICATIONS
      370/464         COMMUNICATION TECHNIQUES FOR INFORMATION
                         CARRIED IN PLURAL CHANNELS
      370/465         .Adaptive
      370/470         ..Frame length
      370/471         ...Message having an address header


3  370/522        (0 OR, 3 XR)
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                              09783333_CLSTITLES
          Class    370 :  MULTIPLEX COMMUNICATIONS
          370/473           ..Transmission of a single message having
                              multiple packets
          370/498           .Combining or distributing information via tim
e

                              channels
          370/522           ..Signaling (ancillary to main information)

   3  714/748        (0 OR, 3 XR)
          Class    714 :  ERROR DETECTION/CORRECTION AND FAULT
                              DETECTION/RECOVERY
          714/699           PULSE OR DATA ERROR HANDLING
          714/746           .Digital data error correction
          714/748           ..Request for retransmission

   3  714/749        (0 OR, 3 XR)
          Class    714 :  ERROR DETECTION/CORRECTION AND FAULT
                              DETECTION/RECOVERY
          714/699           PULSE OR DATA ERROR HANDLING
          714/746           .Digital data error correction
          714/748           ..Request for retransmission
          714/749           ...Retransmission if no ACK returned

   2  370/231        (1 OR, 1 XR)
          Class    370 :  MULTIPLEX COMMUNICATIONS
          370/229           DATA FLOW CONGESTION PREVENTION OR CONTROL
          370/230           .Control of data admission to the network
          370/231           ..End-to-end flow control

   2  370/235        (1 OR, 1 XR)
          Class    370 :  MULTIPLEX COMMUNICATIONS
          370/229           DATA FLOW CONGESTION PREVENTION OR CONTROL
          370/235           .Flow control of data transmission through a
                              network

   2  370/310.1      (2 OR, 0 XR)
          Class    370 :  MULTIPLEX COMMUNICATIONS
          370/310           COMMUNICATION OVER FREE SPACE
          370/310.1         .Using ATM as a wireles protocol

   2  370/328        (1 OR, 1 XR)
          Class    370 :  MULTIPLEX COMMUNICATIONS
          370/310           COMMUNICATION OVER FREE SPACE
          370/328           .Having a plurality of contiguous regions
                              served by respective fixed stations

   2  370/335        (1 OR, 1 XR)
          Class    370 :  MULTIPLEX COMMUNICATIONS
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      370/310        COMMUNICATION OVER FREE SPACE
      370/328        .Having a plurality of contiguous regions
                        served by respective fixed stations
      370/329        ..Channel assignment
      370/335        ...Combining or distributing information via
                        code word channels using multiple access te
chniques (e.g.,

                     CDMA)


  2   370/347        (0 OR, 2 XR)
         Class   370 :  MULTIPLEX COMMUNICATIONS
      370/310        COMMUNICATION OVER FREE SPACE
      370/345        .Combining or distributing information via tim
e

                        channels
      370/347        ..Multiple access (e.g., TDMA)


  2   370/412        (1 OR, 1 XR)
         Class   370 :  MULTIPLEX COMMUNICATIONS
      370/351        PATHFINDING OR ROUTING
      370/389        .Switching a message which includes an address
                        header
      370/412        ..Queuing arrangement


  2   370/468        (0 OR, 2 XR)
         Class   370 :  MULTIPLEX COMMUNICATIONS
      370/464        COMMUNICATION TECHNIQUES FOR INFORMATION
                        CARRIED IN PLURAL CHANNELS
      370/465        .Adaptive
      370/468        ..Assignment of variable bandwidth or time
                        period for transmission or reception


  2   370/470        (0 OR, 2 XR)
         Class   370 :  MULTIPLEX COMMUNICATIONS
      370/464        COMMUNICATION TECHNIQUES FOR INFORMATION
                        CARRIED IN PLURAL CHANNELS
      370/465        .Adaptive
      370/470        ..Frame length


  2   370/473        (0 OR, 2 XR)
         Class   370 :  MULTIPLEX COMMUNICATIONS
      370/464        COMMUNICATION TECHNIQUES FOR INFORMATION
                        CARRIED IN PLURAL CHANNELS
      370/465        .Adaptive
      370/473        ..Transmission of a single message having
                        multiple packets


  2   370/474        (0 OR, 2 XR)
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        Class    370 :  MULTIPLEX COMMUNICATIONS
        370/473           ..Transmission of a single message having
                             multiple packets
        370/474           .Assembly or disassembly of messages having
                             address headers


  2   375/225          (2 OR, 0 XR)
        Class    375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/224           TESTING
        375/225           .Data rate


  2   375/261          (2 OR, 0 XR)
        Class    375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/259           SYSTEMS USING ALTERNATING OR PULSATING CURRENT

        375/260           .Plural channels for transmission of a single
                             pulse train
        375/261           ..Quadrature amplitude modulation


  2   375/341          (0 OR, 2 XR)
        Class    375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/316           RECEIVERS
        375/340           .Particular pulse demodulator or detector
        375/341           ..Maximum likelihood decoder or viterbi decode
r


  2   455/557          (0 OR, 2 XR)
        Class    455 :  TELECOMMUNICATIONS
        455/73            TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

                             TRANSCEIVER)
        455/550.1         .Radiotelephone equipment detail
        455/557           ..Interface attached device (e.g., interface
                            with modem, facsimile, computer, etc.)

  2   714/18           (0 OR, 2 XR)
        Class    714 :  ERROR DETECTION/CORRECTION AND FAULT
                          DETECTION/RECOVERY
        714/100           DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

        714/1             .Reliability and availability
        714/2             ..Fault recovery
        714/15            ...State recovery (i.e., process or data file)

        714/18            ....Transmission data record (e.g., for
                             retransmission)
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2  714/746          (0 OR,  2 XR)
       Class    714 :   ERROR DETECTION/CORRECTION AND FAULT
                            DETECTION/RECOVERY
       714/699              PULSE OR DATA ERROR HANDLING
       714/746              .Digital data error correction


2  714/755          (1 OR,  1 XR)
       Class    714 :   ERROR DETECTION/CORRECTION AND FAULT
                            DETECTION/RECOVERY
       714/699              PULSE OR DATA ERROR HANDLING
       714/746              .Digital data error correction
       714/752              ..Forward correction by block code
       714/755              ...Double encoding codes (e.g., product,
                            concatenated)


2  714/776          (1 OR,  1 XR)
       Class    714 :   ERROR DETECTION/CORRECTION AND FAULT
                            DETECTION/RECOVERY
       714/699              PULSE OR DATA ERROR HANDLING
       714/746              .Digital data error correction
       714/752              ..Forward correction by block code
       714/776              ...For packet or frame multiplexed data
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6400712
6507582
6230012
6317430
6208620
6515972
6542490
5862160
6034968
6173431
5636140
5717689
5818826
5896386
5936965
6064649
6385451
6504836
6512747
5946320
5991912
6370144
6389031
6449283
5883893
6262976
6314101
5726764
6011796
6118834
6327268
5987022
5970062
6079042
5568482
5745479
5987018
6111866
6366622
6411629
6477669
6560206
5566206
5774496
6212240
6212240

4434487
4932023
4975952
5729529